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| Form PTO-1449 (REV. 8-83) | | US Dept. of Commerce PATENT & TRADEMARK OFFICE | | ATTY DOCKET NO. 116700 | | APPLICATION NO. New US Application | |
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | | APPLICANT Atsushi KATO | | | |
| | | | | FILING DATE July 29, 2003 | | | |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------|-----------------|------------|------------------|-------|--------------|
| EXAMINER INITIAL | DOCUMENT NUMBER | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS |
| HT | 1 | 4,931,839 | 06/1990 | Tompkins et al. | — | — |
| HT | 2 | 5,083,169 | 01/1992 | Usui et al. | — | — |
| HT | 3 | 5,678,134 | 10/1997 | Miki et al. | — | — |
| HT | 4 | 5,729,788 | 03/1998 | Hirohashi et al. | — | — |
| HT | 5 | 6,167,215 | 12/2000 | Miyashiro et al. | — | — |
| HT | 6 | 6,226,489 | 05/2001 | Eelen et al. | — | — |
| HT | 7 | 6,269,228 | 07/2001 | Kayahara et al. | — | — |
| HT | 8 | 10/289,376 | 11/07/2002 | Nishiwaki | — | — |
| HT | 9 | 5,907,746 | 05/25/1999 | Kubota | — | — |
| HT | 10 | 5,671,464 | 09/23/1997 | Kubota | — | — |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------|--|------------|-------|--------------|--|
| DOCUMENT NUMBER | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | |
| HT | 11 | JP A 9-73240 (with abstract and translation) | 03/18/1997 | Japan | — | |
| HT | 12 | JP A 2000-267458 (with abstract and translation) | 09/29/2000 | Japan | — | |
| HT | 13 | JP A 57-203270 (with abstract) | 12/13/1982 | Japan | — | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | |
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| EXAMINER | DATE CONSIDERED 10/04/04 |
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Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: July 29, 2003